FOCASEIKI

Chip Removal

Superb Stability & Powerful

Tapping & Drilling Center

Mass Production High Performance

- Less Floor Space Occupancy
- Huge Y-axis Travel
- Ingenuity Single-layered Cover On X-axis
- Z-axis Adapted with Continuity Designed Cover

Variety Spindle Taper Available

Reservoir Type Lubrication System & Bronze Tube Oil Circuit

Powerful Chip Flushing

The tilting and wide drainage way at the base allow the effective chip flushed to the rear chip tray or chip conveyor (available as optional)

Standard Accessories

- ISO-30 12000rpm Direct Type Spindle
- Turret Type ISO-30 21 Tools
- Rigid Tapping
- Auto Power Off
- Working Light & Alarm Light
- Auto Lubrication System
- Coolant & Chip Flushing System
- Leveling Screws & Blocks
- Operation Manual
- Heat Exchanger

Optional Accessories

- Spindle Taper ISO-40/HSK40E
- Spindle Speed
  ISO-30:15000/20000/24000rpm
  ISO-40:10000/12000/15000rpm
- Arm Type Tool Changer
  ISO-30 (Regular): 24 Tools
  ISO-40 (Regular): 24/30 Tools
  ISO-30 (Simultaneous): 20 Tools
  ISO-40 (Simultaneous): 24 Tools
- 4th Axis Rotary Table
- Chain Type Chip Conveyor
- Transformer
- CTS System
- Spindle Coolant Ring

Machine Dimension

	A	B	C	D	E
550	600	1400	2520	2760	2262 ~ 2762
750	860	1700	2820	2760	2262 ~ 2762

Unit: mm

TP Series Specifications

		550	750
Table			
Table Size	**mm**	600 x 500	800 x 500
T-Slot	**mm**	14 x 4 x 100	14 x 4 x 100
Max. Table Loading Capacity	**kgs**	200	250
Travel			
X Axis Travel	**mm**	510	700
Y Axis Travel	**mm**	500	500
Z Axis Travel	**mm**	500	500
Spindle Nose to Table Surface	**mm**	150~650	150~650
Spindle Center to Z-Axis Cover Surface	**mm**	530	530
Spindle			
Spindle Taper		ISO-30 (ISO-40)	ISO-30 (ISO-40)
Spindle Speed	**rpm**	12000 (15000, 20000, 24000) (ISO-40:10000, 12000, 15000)	
Transmission Method		Direct (Built-in)	Direct (Built-in)
Spindle Motor	**kW**	3.7/5.5(5.5/7.5) (ISO-40:5.5/7.5, 7.5/11)	
ATC			
Magazine Capacity	**tools**	Turret Type ISO-30:21 (Arm Type ISO-40:24,30)	
Tool Selection Method		Random	Random
Max. Diameter / W/O Adjacent	**mm**	Turret Type ISO-30 21T:Ø60/Ø80 (Arm Type ISO-40 24T/30T:Ø75/Ø150)	
Max. Tool Length	**mm**	Turret Type ISO-30:200 (Arm Type ISO-40:250)	
Max. Tool Weight	**kgs**	Turret Type ISO-30:3 (Arm Type ISO-40:7)	
Tool Change Time	**sec (T-T/C-C)**	Turret Type ISO-30:1.4/2.3 (Arm Type ISO-40:2.3/4.5; Arm Type Simultaneous ISO-30:1/1.8, ISO-40:1.5/3)	
3 Axis Traverse			
3 Axis Cutting Feedrate	**m/min**	12	12
3 Axis Rapid Traverse	**m/min**	48 (60)	48 (60)
Accuracy			
Positioning	**mm**	0.008	0.008
Repeatability	**mm**	±0.004	±0.004
Coolant			
Coolant tank Capacity	**ℓ**	120	160
Coolant Flow	**ℓ/min**	50	50
General			
Air Pressure Requirement	**Kg/cm²**	5~7	5~7
Power Requirement	**kva**	15	15
Machine Size	**mm**	2760 x 1400 x 2762	2760 x 1700 x 2762
Machine Weight	**kgs**	4000	4500

- Description in **( )** are optional accessories.
- We reserve the right to modify the design and specification without notice in advance. Above specifications are for reference only. Correct specifications are based on actual machine.

FOCASEIKI

Just what you need!

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